

CLAIMS

I claim:

1. A surgical instrument comprising a tool which is located at a distal instrument end, a stationary first grip part at a proximal instrument end, a second grip part adjustable in an axially guided manner in a form of a reel, and an actuation element for the tool, wherein the actuation element in connection with the second grip part is axially adjustable on adjustment of the second grip part, and wherein by way of a lever system linked onto the second grip part and a stationary part of the instrument an adjustment path of the second grip part is geared down and a force exerted onto the second grip part is transmittable, geared up, to the actuation element.

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2. The surgical instrument according to claim 1, wherein the lever system comprises first and second levers, wherein the first lever with its one end is articulately linked on the second grip part and with its other end is articulately linked on the second lever, wherein the second lever with its one end is articulately linked on the first lever and with its other end is articulately linked on a stationary part of the instrument, and wherein the actuation element is articulately fastened between the two linkage points of the second lever.

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3. The surgical instrument according to claim 1, wherein the lever system comprises one lever, wherein the lever with its one end is articulately linked on a stationary part of the instrument and with its other end is slidingly arranged in a guide of the second grip part, and wherein the actuation element is articulately linked to the lever between the two ends of the lever.

4. The surgical instrument according to claim 3, wherein the guide comprises a bore which extends essentially perpendicular to a movement direction of the actuation element, and wherein the guide comprises a cylindrical section and a conical section connected thereto.

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5. The surgical instrument according to claim 1, wherein between the lever system and the actuation element there is arranged a spring element.